

MORE NEW SPECIES OF DELISSEA (LOBELIACEAE)

HAWAIIAN PLANT STUDIES 126

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Based on morphology, the author describes two new species and makes one new combination in Delissea (Lobeliaceae) in the Hawaiian flora.

The genus Delissea is already a large element in the wet forests of the Hawaiian mountains, but additional species are continually being discovered.

Delissea aurantiaca sp. nov. Frutex 30 cm altus est, caule hirtelli, foliis hirtellis, petiolis 8-19 mm longis, laminis 8.5-16 X 4-7 cm ellipticis subacuminatis basi cuneata, racemeis 4 cm longis hirtellis, pedunculo 8-10 mm longo, pedicellis 4-5 mm longis, lobis calycis 3-3.5 mm longis lanceolatis, corollis 22 mm longis albis puberulis, tubo filamentarum 16 mm longo glabro, baccis 10-12 mm longis ellipsoideis aurantiacis. Typus: Hawaii I., Glenwood, E. Funk 203.

D. inermis sp. nov. Frutex 2.3-4 m altus glaber est, petiolis 7-14 cm longis, laminis 10-17 X 28-32 cm subcoriaceis anguste ellipticis subacutis basi cuneata, racemis 6.5-12 cm longis 7-15-floriferis, pedunculis 3-8 cm longis, pedicellis 8-17 mm longis, lobis calycis 0.3 mm longis deltoideis, corollis 24-28 mm longis albis glabris, columna filamentarum 20 mm longa glabra, antheris superis 7 mm longis. Typus: Kauai I., Wahiawa Valley, S. Perlman 486A.

D. serratifolia (Rock) comb. nov.

Cyanea coriacea (A. Gray) Hillebr., ver serratifolia Rock, Occas. Papers, Bishop Mus. 22(5): 65, 1957.

Beside the type there is also a second collection from a nearby locality. It is Oahu: Huliwai, Ekahanui ridge, 2,500 ft alt., May 8, 1933, G. W. Russ. Mr. Russ considered his plant a new species and left with it a nearly complete description, but never published it.

The types are all in the Bishop Museum, Honolulu.